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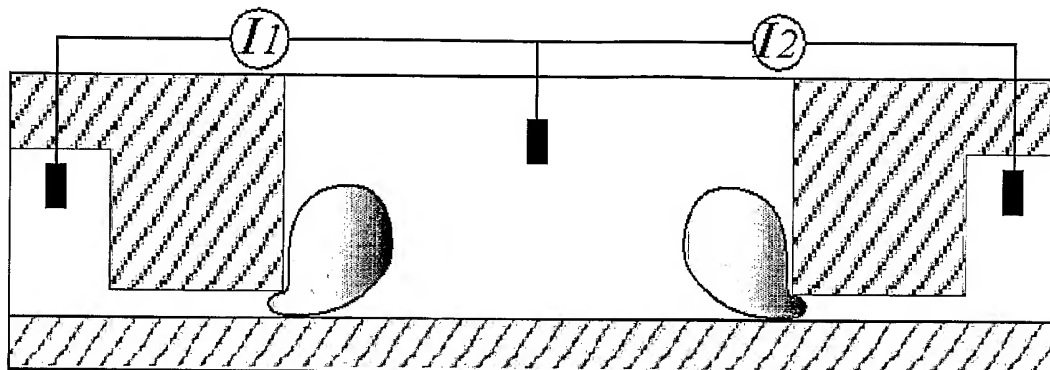
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(54) Title: METHODS AND APPARATUS FOR INTEGRATED CELL HANDLING AND MEASUREMENTS



(57) Abstract: Method and systems that provide improved cell handling and assays in microfluidic systems and devices particularly using lateral cell trapping and methods of fabrication of the same.

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## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER		
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According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S. : 435/287.1, 288.5; 204/403.01, 403.03, 403.13; 422/82.01		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0180965 A1 (YOBAS et al.) 25 September 2003 (25.09.2003), see entire document.	1, 11-21, 23, 24
—		2-10, 22
Y		
X	US 2003/0153067 A1 (STETT et al.) 14 August 2003 (14.08.2003), see entire document.	25-30
X	GB 2 371 626 A (OSIPCHUK) 31 July 2002 (31.07.2002), see entire document.	31-37, 39, 41-43
—		38, 40
Y		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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